

AMENDMENTS TO THE CLAIMS

1. **(Original)** Coating composition comprising:
one or more thiol compounds;
one or more oxidatively drying polyunsaturated condensation products of one or more fatty acids and/or esters, one or more polyols and optionally one or more polycarboxylic acids and/or anhydrides of polycarboxylic acids and optionally other building blocks;
and one or more photo-initiators.
2. **(Previously Presented)** Coating composition according to claim 1, wherein the ratio between the number of unsaturated groups and the number of SH-functional groups is at least 1.5:1.
3. **(Previously Presented)** Coating composition according to claim 1, wherein the coating composition comprises 1-30 wt % of thiol compounds, related to the total weight of solid resin.
4. **(Previously Presented)** Coating composition according claim 1, wherein one or more isocyanates are used as building blocks for the oxidatively drying polyunsaturated condensation products.
5. **(Previously Presented)** Coating composition according to claim 1, wherein the coating composition is a high solids coating composition, comprising 0–40 wt.% solvents.
6. **(Previously Presented)** Coating composition according to claim 1, wherein the composition is an aqueous coating composition.
7. **(Previously Presented)** Coating composition according to claim 1, wherein the photoinitiator is active by visible light.

8. **(Previously Presented)** Coating composition according to claim 1, wherein the photoinitiator is an acyl phosphine oxide compound.
9. **(Previously Presented)** Coating composition according to claim 1, wherein at least one of the oxidatively drying polyunsaturated condensation products is the thiol compound, or is one of the thiol compounds.
10. **Cancelled.**
11. **(Previously Presented)** Coating composition according to claim 1, wherein the ratio between the number of unsaturated groups and the number of SH-functional groups is between 2:1 and 20:1.
12. **(Previously Presented)** Coating composition according to claim 1, wherein the coating composition comprises 3-20 wt.% of thiol compounds, related to the total weight of solid resin.
13. **(Previously Presented)** Coating composition according to claim 1, wherein the coating composition is a high solids coating composition, comprising 0 – 30 wt.% solvents.
14. **(Previously Presented)** Coating composition according to claim 1, wherein the photoinitiator is a mono-, bis- or trisacyl phosphine oxide compound or a mixture thereof.
15. **(New)** A one component coating system comprising the coating composition of claim 1.